

Notice of Allowability

Application No.

10/760,199

Examiner

Carlos A. Martinez

Applicant(s)

SILVERBROOK ET AL.

Art Unit

2853

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to papers filed through 03/12/2007.
2. ☒ The allowed claim(s) is/are 1-5,7-10,12-31,34-37,41,45,46 and 48.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☒ Other See Continuation Sheet.

Continuation of Attachment(s) 9. Other: email correspondence (sent 03/20/2007).

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was received via email correspondence with applicant on 03/20/2007.

The application has been amended as follows:

Claim 17,

Line 2, insert between "the" and "path" – **media** --.

Claim 31,

Line 3, insert before "a cabinet" the words – **said cabinet being** --.

Line 3, replace "a media path" with – **the media path** --.

Line 3, replace "a media cartridge" with – **said media cartridge** --.

Line 5, insert before "a full width" the words – **said printhead being** --.

Lines 6 and 7, delete – **a processor which accepts operator inputs which are used to configure the printer for producing a particular roll;** --.

Line 8, replace "a core" with – **the core** --.

Claim 34,

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Line 4, replace "a web of media" with – **the media web** --.

Claim 35,

Lines 4 and 5, replace "a web of media" with – **the media web** --.

Claim 36,

Lines 1 and 2, delete – **for a printer such as a wallpaper printer** --.

Line 3, replace "a media web" with – **the media web** --.

Claim 37,

Line 2, replace "a cabinet" with – **said cabinet** --.

Line 2, replace "a media path" with – **the media path** --.

Line 2, replace "a media loading area" with – **said media cartridge loading area** --.

Line 4, replace "a printhead" with – **said printhead** --.

Line 5, replace "a processor" with – **said processor** --.

Line 7, replace "a core" with – **the core** --.

Claim 41,

Line 3, replace "a frame" with – **said cabinet** --.

Line 3, replace "a media path" with – **the media path** --.

Line 3, replace "a media loading area" with – **said media cartridge loading area** --.

Line 5, delete – **a printhead located across the media path** --.

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Lines 7 and 8, delete – **a processor which accepts operator inputs which are used to configure the printer for producing a particular roll; --.**

Line 9, replace “a core” with – **the core --.**

Claim 45,

Line 4, insert before “a full width” the words – **said printhead being --.**

Claim 46,

Line 2, replace “a housing” with – **said cabinet --.**

Line 2, replace “a media path” with – **the media path --.**

Line 4, insert before “a multi-color roll” the words – **said printhead being --.**

Line 4, replace “housing” with –**cabinet --.**

Line 7, delete – **a –** before the words “an ink”.

Lines 9-11, delete – **; a processor which accepts operator inputs which are used to configure the printer for producing a particular roll --.**

Claim 48,

Line 3, insert before “a full width” the words – **said printhead being --.**

REASONS FOR ALLOWANCE

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2. The following is an examiner's statement of reasons for the allowance of claims 1-5, 7-10, 12-31, 34-37, 41, 45, 46, and 48:

With respect to claim 1, the prior art does not teach self threading printer for producing rolls of wallpaper, comprising: a media loading area adapted to support a media cartridge in a position so that a media supply slot of the cartridge is closely adjacent to a media guide; a cabinet housing a media path which extends from the media guide to a printed media dispensing slot; a printhead located across the media path, the printhead being mounted on a rail on which it slides into and out of a printing position across the media path; a processor which accepts operator inputs which are used to configure the printer for producing a particular roll; a motor within the cabinet for advancing a media web out of the media cartridge; and one or more other motors adapted to urge the media along the path and out of the slot; *and a well, external to the cabinet and adjacent to a printed media dispensing slot; the well having at each end, spindles for aligning, retaining and removing a core, at least one spindle being motorized to rotate the core.*

With respect to claims 2-5, 7-10, 12-31, 34-37, 41, 45, 46, and 48, these claims are allowable since they depend on an allowable independent claim (claim 1).

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Terminal Disclaimer

3. The terminal disclaimer filed on 12/04/2006 disclaiming the terminal portion of any patent granted on this application which would extend beyond the expiration date of any patent granted on Application Number 10/760251 and 10/760230 has been reviewed and is accepted. The terminal disclaimer has been recorded.

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Carlos A. Martinez whose telephone number is (571) 272-8349.

The examiner can normally be reached on 8:30 am - 5:00 pm (M-F).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, STEPHEN D. MEIER can be reached on (571) 272-2149. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

CAM

03/28/2007



HAI PHAM
PRIMARY EXAMINER

Martinez, Carlos

From: Ninna Lee [ninna.lee@silverbrookresearch.com]
Sent: Tuesday, March 20, 2007 11:02 PM
To: Martinez, Carlos
Subject: RE: Consideration for Allowance -- Application 10/760199 (Attorney Docket #: 10003381US01)

Dear Examiner Martinez,

Thank you for your email of March 20, 2007. You are authorised to make an Examiner's amendment and amend the claims as suggested below.

An email authorisation is enclosed.

Please do not hesitate to contact us again, should you need more information.

Kind regards,
Kia Silverbrook
Silverbrook Research Pty Ltd.

----- Original Message -----

Subject: Consideration for Allowance -- Application 10/760199 (Attorney Docket #: 10003381US01)
Date: Tue, 20 Mar 2007 10:10:16 -0400
From: Martinez, Carlos <Carlos.Martinez@USPTO.GOV>
To: kia.silverbrook@silverbrookresearch.com

Kia Silverbrook,

This e-mail is in regards to application 10/760199 (Attorney Docket #: 10003381US01). The noted application is in consideration for allowance; however, there are some claim language that the Office would like to have clarified and in proper dependency language/format in claims 17, 31, 34-37, 41, 45, 46, and 48. If the applicant is willing to make amendment to these claims as follows, the Office will be willing to make adjustment by an examiner's amendment and present for allowance:

17. The printer of claim 1, wherein: the media path comprises a generally straight path.

31. A self threading printer as claimed in claim 1 wherein it is self contained and comprises: said cabinet being a cabinet in which is located the [[a]] media path which extends from said [[a]] media cartridge loading area to a winding area; said printhead being a full width digital color printhead located in the media path; [[a processor which accepts operator inputs which are used to configure the printer for producing a particular roll;]] and the winding area adapted to removably retain the the [[a]] core and wind onto it, wallpaper produced by the printer.

34. Line 4, change "a web of media" to --the media web--.

35. Line 4, change "a web of media" to --the media web--.

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36. A self threading printer as claimed in claim 1 including a dryer ~~[for a printer such as a wallpaper printer]~~, the dryer comprising: a compartment with a top opening for receiving the ~~the~~ ~~[[a]]~~ media web fed from the printer; a source of heated air located above the top opening for blowing heated air into the opening to dry printing on the media web.

37. A self threading printer as claimed in claim 1 further comprising: said ~~[[a]]~~ cabinet in which is located the ~~the~~ ~~[[a]]~~ media path which extends from said ~~[[a]]~~ media cartridge loading area to a winding area; said ~~[[a]]~~ printhead located in the media path; said ~~[[a]]~~ processor which accepts operator inputs from one or more input devices which are used to configure the printer for producing a particular roll; and the winding area adapted to removably retain the ~~the~~ ~~[[a]]~~ core and wind onto it, wallpaper produced by the printer wherein, the length and design of the roll are determined by the operator inputs.

41. A self threading printer as claimed in claim 1 adapted to produce rolls of wallpaper, the printer comprising: said cabinet ~~[[a frame]]~~ in which is located the ~~the~~ ~~[[a]]~~ media path which extends from said ~~[[a]]~~ media cartridge loading area to a winding area; ~~[[a printhead located across the media path;]]~~ one or more input devices for capturing operator instructions; ~~[[a processor which accepts operator inputs which are used to configure the printer for producing a particular roll;]]~~ and the winding area adapted to removably retain the ~~the~~ ~~[[a]]~~ core and wind onto it, wallpaper produced by the printer.

45. A self threading printer as claimed in claim 1 further comprising a printhead assembly which prints onto a moving web that follows a path, the assembly comprising: said printhead being a full width printhead located across the path; the printhead comprising a color printhead which is at least as wide as the web; the printhead being supplied with a number of different inks which are remote from the printhead and which supply the printhead through tubes.

46. A self threading printer as claimed in claim 1 further comprising: said cabinet ~~[[a housing]]~~ in which is located the ~~the~~ ~~[[a]]~~ media path which extends from a blank media intake to a wallpaper exit slot; said printhead being a multi-color roll width removable printhead located in the cabinet ~~[[housing]]~~ and across the media path; the printhead being supplied by separate ink reservoirs, the reservoirs connected to the printhead by ~~[[a]]~~ an ink supply harness, there being a disconnect coupling between the reservoirs and the printhead; one or more input devices for capturing operator instructions~~[[a processor which accepts operator inputs which are used to configure the printer for producing a particular roll]]~~.

48. A self threading printer as claimed in claim 1 further comprising a removable printhead assembly which prints onto a moving web, the assembly comprising: said printhead being a full width stationary printhead located on a rail along which it slides for service and removal; a number of replaceable ink reservoirs which supply the printhead with different inks; the printhead comprising a color printhead which is at least as wide as the web; and the printhead being supplied with the different inks through tubes which can be disconnected so the printhead may be removed.

A response is requested as soon as possible.

Respectfully,

Carlos A. Martinez, Jr.
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Patent Examiner, AU 2853 (JEF-9B18)
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